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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Paul DiCarlo et al.  
Serial No. : 10/791,103  
Filed : March 2, 2004  
Title : EMBOLIC COMPOSITIONS

Art Unit : 1773  
Examiner : Kiliman, Leszek B.

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

Applicants also hereby notify the Examiner that the following U.S. patent applications are commonly owned co-pending U.S. patent applications:

U.S. Patent Application Serial No. 11/111,511, filed April 21, 2005  
U.S. Patent Application Serial No. 11/117,156, filed April 28, 2005  
U.S. Patent Application Serial No. 11/154,106, filed June 15, 2005  
U.S. Patent Application Serial No. 11/165,949, filed June 24, 2005

Applicants are uncertain of the date of publication of the following reference that is listed in the attached PTO-1449 form:

“Fibroid Treatment Collective – Fibroid Embolization” (2 pages),  
<http://www.fibroids.org> (Ref. ARRR)

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

October 17, 2005  
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Signature  
Scott Barnett  
Typed or Printed Name of Person Signing Certificate

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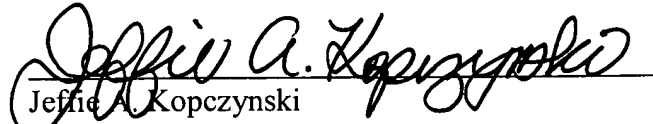
Attorney's Docket No.: 01194-823002 / 02-082US02

Therefore, while Applicants do not concede that this reference qualifies as prior art to this application, Applicants request that the Examiner treat it as prior art at this time for purposes of examination of this application.

This statement is being filed before the receipt of a first Office Action on the merits.  
Please apply any charges or credits to Deposit Account No. 06-1050.

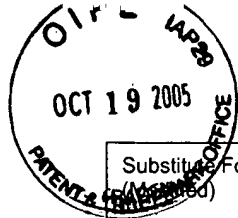
Respectfully submitted,

Date: October 17, 2005

  
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Substitute Form PTO-1449 (Rev. 10-2004)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-823002	Application No. 10/791,103
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Paul DiCarlo et al.	
		Filing Date March 2, 2004	Group Art Unit 1773

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,713,076	12/15/1987	Draenert			
	AB	4,897,255	01/30/1990	Fritzberg et al.			
	AC	5,091,205	02/25/1992	Fan			
	AD	5,181,921	01/26/1993	Makita et al.			
	AE	5,263,992	11/23/1993	Guire			
	AF	5,320,639	06/14/1994	Rudnick			
	AG	5,443,495	08/22/1995	Buscemi et al.			
	AH	5,733,925	03/31/1998	Kunz et al.			
	AI	5,756,127	05/26/1998	Grisoni et al.			
	AJ	5,888,930	03/30/1999	Smith et al.			
	AK	6,056,844	05/02/2000	Guiles et al.			
	AL	6,179,817	01/30/2001	Zhong			
	AM	6,280,457	08/28/2001	Wallace et al.			
	AN	6,306,425	10/23/2001	Tice et al.			
	AO	6,312,942	11/06/2001	Plüss-Wenzinger et al.			
	AP	6,368,658	04/09/2002	Schwarz et al.			
	AQ	2002/0061954	05/23/2002	Davis et al.			
	AR	6,458,296	10/01/2002	Heinzen et al.			
	AS	2002/0160109	10/31/2002	Yeo et al.			
	AT	2002/0182190	12/05/2002	Naimark et al.			
	AU	6,495,155	12/17/2002	Tice et al.			
	AV	6,699,222	03/02/2004	Jones et al.			
	AW	2004/0186377	09/23/2004	Zhong et al.			
	AX	2005/0025800	02/03/2005	Tan			
	AY	2005/0037047	02/17/2005	Song			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AZ	EP 0 067 459	12/22/1982	EPO				
	AAA	EP 0 243 165	10/28/1987	EPO				
	ABB	EP 0 294 206	12/07/1988	EPO				
	ACC	NZ 255409	02/24/1997	New Zealand				
	ADD	NZ 517377	08/29/2003	New Zealand				
	AEE	WO 01/12359	02/22/2001	WIPO				
	AFF	WO 01/66016	09/13/2001	WIPO				
	AGG	WO 03/016364	02/27/2003	WIPO				
	AHH	WO 2004/019999	03/11/2004	WIPO				
	AII	WO 2004/075989	09/10/2004	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AJJ	Bourke et al., "Protein Drug Release from Photocrosslinked Poly(vinyl alcohol) Hydrogels," <i>Society for Biomaterials 28<sup>th</sup> Annual Meeting Transactions</i> , p. 144 (2002)
	AKK	Capozza et al., "Endoscopic treatment of vesico-ureteric reflux and urinary incontinence: technical problems in the paediatric patient," <i>British Journal of Urology</i> , 75(4):538-542 (April 1995)
	ALL	Cruise et al., "In Vitro and In Vivo Characterization of a Hydrogel-Based Aneurysm Embolization System," <i>Society for Biomaterials 28<sup>th</sup> Annual Meeting Transactions</i> , p. 203 (2002)
	AMM	Duckwiler et al., "Catheters, embolic agents spark neurointervention," <i>Diagnostic Imaging</i> , 16(5):66-72 (May 1994)
	ANN	Ersek et al., "Bioplastique: A New Textured Copolymer Microparticle Promises Permanence in Soft-Tissue Augmentation," <i>Plastic and Reconstructive Surgery</i> , 87(4):693-702 (April 1991)
	AOO	Eskridge, "Interventional Neuroradiology," <i>Radiology</i> , 172:991-1006 (November 1989)
	APP	Gramiak et al., "Echocardiography of the Aortic Root," <i>Investigative Radiology</i> , 3(5):356-366 (September-October 1968)
	AQQ	Gupta et al., "Plasma-induced graft polymerization of acrylic acid onto poly(ethylene terephthalate) films: characterization and human smooth muscle cell growth on grafted films," <i>Biomaterials</i> , 23:863-871 (2002)
	ARR	Halstenberg et al., "Biologically Engineered Protein-graft-Poly(ethylene glycol) Hydrogels: A Cell Adhesive and Plasmin-Degradable Biosynthetic Material for Tissue Repair," <i>Biomacromolecules</i> , 3(4):710-723 (2002)
	ASS	Hirano et al., "Transcutaneous Intrafold Injection For Unilateral Vocal Fold Paralysis: Functional Results," <i>Ann. Otol. Rhinol. Laryngol.</i> , 99(8):598-604 (August 1990)

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Other Documents (include Author, Title, Date, and Place of Publication)		
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	ATT	Jung et al., "Sulfobutylated poly(vinyl alcohol)-graft-poly(lactide-co-glycolide)s facilitate the preparation of small negatively charged biodegradable nanospheres," <i>Journal of Controlled Release</i> , 67:157-169 (2000)
	AUU	Khankan et al., "Embolic Effects of Superabsorbent Polymer Microspheres in Rabbit Renal Model: Comparison with Tris-acryl Gelatin Microspheres and Polyvinyl Alcohol," <i>Radiation Medicine</i> , 22(6):384-390 (2004)
	AVV	Kim et al., "Poly(vinyl alcohol) beads with core-shell structure for drug delivery," <i>Cosmetic and Pharmaceutical Applications of Polymers</i> , Plenum Press, New York, pp. 209-214 (1991)
	AWW	Kim et al., "Suspension polymerized poly(vinyl alcohol) beads for drug delivery," <i>Polymeric Materials: Science and Engineering, Proceedings of the ACS Division of Polymeric Materials: Science and Engineering</i> , 63:64-67 (1990)
	AXX	Krinick et al., "A polymeric drug delivery system for the simultaneous delivery of drugs activatable by enzymes and/or light," <i>J. Biomater. Sci. Polymer Edn</i> , 5(4):303-324 (1994)
	AYY	Lemperle et al., "PMMA Microspheres for Intradermal Implantation: Part I. Animal Research," <i>Annals of Plastic Surgery</i> , 26(1):56-63 (January 1991)
	AZZ	Levy et al., "Transcatheter Uterine Artery Embolization for the Treatment of Symptomatic Uterine Fibroid Tumors," <i>Journal of Women's Imaging</i> , 2(4):168-175 (2000)
	AAAA	Lipman, "Uterine artery embolization for the treatment of symptomatic uterine fibroids: A review," <i>Applied Radiology</i> , 29(7):15-20 (July 2000)
	ABBB	Maruhashi, "Modified Polyvinyl Alcohols I and II," <i>Polyvinyl Alcohol - Developments</i> , John Wiley & Sons, Chichester, England, pp. 160-161 and pp. 186-191 (1992)
	ACCC	Namiki, "Application of Teflon Paste for Urinary Incontinence - Report of 2 Cases," <i>Uro. Int.</i> , 39:280-282 (1984)
	ADDD	Orienti et al., "Crosslinked Polyvinylalcohol Hydrogels as Vehicles for Hydrophilic Drugs," <i>Arch. Pharm. Pharm. Med. Chem.</i> , 333:421-424 (2000)
	AEEE	Pedley et al., "Hydrogels in Biomedical Applications," <i>British Polymer Journal</i> , 12:99-110 (September 1980)
	AFFF	Pistel et al., "Brush-like branched biodegradable polyesters, part III Protein release from microspheres of poly(vinyl alcohol)-graft-poly(D,L-lactic-co-glycolic acid)," <i>Journal of Controlled Release</i> , 73:7-20 (2001)
	AGGG	Politano et al., "Periurethral Teflon Injection for Urinary Incontinence," <i>The Journal of Urology</i> , 111:180-183 (1974)
	AHHH	Progelhof et al., "Table 4.21. Properties of electrical insulating films (101)," <i>Polymer Engineering Principles: Properties, Processes, and Tests for Design</i> , Hanser Publishers, Munich, p. 383 (1993)
	AIII	PVA Plus, AngioDynamics® Inc., "Reliable PVA Foam Formulated for Consistency and Controlled Delivery - Embolization Particles Ordering Information," <a href="http://www.angiodynamics.com">www.angiodynamics.com</a> (August 2002) (2 pages)
	AJJJ	Rhine et al., "Polymers for Sustained Macromolecule Release: Procedures to Fabricate Reproducible Delivery Systems and Control Release Kinetics," <i>Journal of Pharmaceutical Sciences</i> , 69(3):265-270 (March 1980)
	AKKK	Schetky, "Shape-Memory Alloys," <i>Encyclopedia of Chemical Technology</i> , Third Edition, Volume 20, John Wiley & Sons, New York, pp. 726-736 (1982)

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	ALLL	Shafik, "Intraesophageal Polytef injection for the treatment of reflux esophagitis," <i>Surg. Endosc.</i> , 10:329-331 (1996)
	AMMM	Siskin et al., "Pathologic Evaluation of a Spherical Polyvinyl Alcohol Embolic Agent in a Porcine Renal Model," <i>J. Vasc. Interv. Radiol.</i> , 14:89-98 (2003)
	ANNN	Smith et al., "Evaluation of Polydimethylsiloxane as an alternative in the Endoscopic Treatment of Vesicoureteral Reflux," <i>The Journal of Urology</i> , 152:1221-1224 (October 1994)
	AOOO	Soppimath et al., "Controlled release of antihypertensive drug from the interpenetrating network poly(vinyl alcohol)-guar gum hydrogel microspheres," <i>J. Biomater. Sci. Polymer Edn</i> , 11(1):27-43 (2000)
	APPP	Strasnick et al., "Transcutaneous Teflon® Injection for Unilateral Vocal Cord Paralysis: An Update," <i>The Laryngoscope</i> , 101:785-787 (July 1991)
	AQQQ	Tian et al., "Design and synthesis of amphiphilic poly (ethylene glycol) derivatives as micellar drug delivery systems," <i>Polymer Preprints</i> , 43(2):719-720 (Fall 2002)
	ARRR	"Fibroid Treatment Collective – Fibroid Embolization" (2 pages), <a href="http://www.fibroids.org">http://www.fibroids.org</a>
	ASSS	White, Jr., "Embolotherapy in Vascular Disease," <i>American Journal of Roentgenology</i> , 142:27-30 (January 1984)
	ATTT	Winters et al., "Periurethral injection of collagen in the treatment of intrinsic sphincteric deficiency in the female patient," <i>The Urologic Clinics of North America</i> , 22(3):673-678 (August 1995)
	AUUU	Yoon et al., "Surface Immobilization of Galactose onto Aliphatic Biodegradable Polymers for Hepatocyte Culture," <i>Biotechnol. Bioeng.</i> , 78(1):1-10 (April 5, 2002)
	AVVV	Zisch et al., "Covalently conjugated VEGF-fibrin matrices for endothelialization," <i>Journal of Controlled Release</i> , 72:101-113 (2001)

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